

Title (en)
Flexible conductor foil comprising an electronic circuit

Title (de)
Flexible Leiterfolie mit einer elektronischen Schaltung

Title (fr)
Feuille à conducteur flexible comportant un circuit électronique

Publication
EP 1257156 A3 20040512 (DE)

Application
EP 02100453 A 20020507

Priority
DE 10122393 A 20010509

Abstract (en)
[origin: EP1257156A2] The flexible conductive foil has an electronic circuit and at least one layer of non-conducting material (50-56,81-83) with a pattern of conductors (21,22,31,32,61,62,71,72) on at least one surface. At least one of the patterns of conductors or parts of at least two of the patterns of conductors form at least one magnetic component. The non-conductive material is dielectric with a dielectric constant greater than 4. AN Independent claim is also included for the following: a cladding element with an inventive device and a flexible screen with an inventive device.

IPC 1-7
H05K 1/16; **H01F 27/28**

IPC 8 full level
H01L 23/538 (2006.01); **H01F 17/00** (2006.01); **H01F 27/00** (2006.01); **H01F 27/28** (2006.01); **H05K 1/16** (2006.01); **H05K 3/46** (2006.01); **H05K 1/00** (2006.01); **H05K 1/18** (2006.01)

CPC (source: EP KR US)
H01F 27/2804 (2013.01 - EP US); **H01L 23/538** (2013.01 - KR); **H05K 1/162** (2013.01 - EP US); **H05K 1/165** (2013.01 - EP US); **H01F 2017/006** (2013.01 - EP US); **H05K 1/0393** (2013.01 - EP US); **H05K 1/185** (2013.01 - EP US); **H05K 3/4611** (2013.01 - EP US); **H05K 3/4635** (2013.01 - EP US); **H05K 3/4688** (2013.01 - EP US); **H05K 2201/086** (2013.01 - EP US); **H05K 2201/09672** (2013.01 - EP US); **H05K 2203/0545** (2013.01 - EP US)

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